



Location of seismic reflection profiles in
Chukchi Sea obtained by U.S. Geological
Survey from U.S. Coast Guard Cutter
Glacier: September 1-21, 1970

Triangles identify accompanying seismic profiles obtained in
1970; dots identify seismic profiles obtained in 1969 (Grantz,
Arthur, Hanna, W.F., and Wolf, S.G., 1970, Chukchi Sea seismic
reflection and magnetic profiles 1969, between northern
Alaska and International Date Line: U.S. Geological Survey
open file report). Triangles or dots along profile track lines
mark hourly positions of ship; ticks mark half-hourly positions.
Triangles and dots are numbered in Greenwich mean time (Z)
at six hour intervals to facilitate location of features on
accompanying seismic profiles.

Profile position fixing was accomplished by navigation
satellite. Profile track lines are dashed where they
are more than one hour from a reliable satellite fix,
or where their position is not well controlled for other
reasons. Turning points of 1969 profiles are designated
by letters, and roman numerals; of 1970 profiles by
arabic numerals.

Chukchi Sea seismic reflection
profiles and magnetic data 1970,
between northern Alaska and
Herald Island

by
Arthur Grantz, W.F. Hanna and
S.L. Wallace
1971

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0 50 100 MILES
0 80 160 KM
SCALE 1:1,000,000

U.S. GEOLOGICAL SURVEY
OPEN FILE MAP
Map released without editorial and
technical review for conformity to
U.S. Geological Survey standards

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170°W

165°W